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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 016779/0154	SERIAL NO. 09/667,556
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Alexander Burger, <i>et al.</i>	
		FILING DATE September 22, 2000	GROUP ART UNIT 1648

U.S. PATENT DOCUMENTS

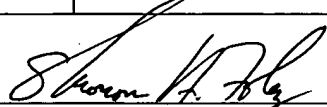
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	5,618,536	04/08/97	Lowy, et al.	424	192.1	
	A2	6,165,471	12/2000	Garcea, et al.	424	186.1	
	A3	6,066,324	05/2000	Gissmann, et al.	424	204.1	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
8/15	A4	WO 93/02184	02/1993	WIPO				
	A5	WO 93/20844	10/1933	WIPO				
	A6	WO 94/00152	01/1994	WIPO				
8/15	A7	WO 96/11272	04/1996	WIPO				Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

8/15	A8	Karasuyama, et al., "Establishment Of Mouse Lines Which Constitutively Secrete Large Quantities Of Interleukin 2, 3, 4 Or 5, Using Modified cDNA Expression Vectors", <i>Immunol.</i> , pp. 97-104, (1988)					
	A9	G. SHAW et al., "GENETICS", <u>A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation</u> , pp. 659-667 (1988).					
	A10	M. HAGENSEE et al., "JOURNAL OF VIROLOGY", <u>Self-Assembly of Human Papillomavirus Type 1 Capsids by Expression of the L1 Protein Alone or by Coexpression of the L1 and L2 Capsid Proteins</u> , pp. 315-322 (1993).					
	A11	XI et al., "JOURNAL OF GENERAL VIROLOGY", <u>Baculovirus expression of the human papillomavirus type 16 capsid proteins: detection of L1-L2 protein complexes</u> , pp. 2981-2988 (1991).					
8/15	A12	R.C. ROSE et al., "JOURNAL OF VIROLOGY", Vol. 67, No. 4, <u>Expression of Human Papillomavirus Type 11 L1 Protein in Insect Cells: In Vivo and In Vitro Assembly of Viruslike Particles</u> , pp. 1936-1944, (04-1993)					

EXAMINER 	DATE CONSIDERED 11/3/01
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>	

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							YES	NO
SH	A13	WO 93/21958	11/1993	WIPO				
	A14	WO 94/05792	03/1994	WIPO				
	A15	WO 94/20137	09/1994	WIPO				
SH	A16	343 783	04/20/89	EUROPE				

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SH	A17	J. ZHOU et al., "VIROLOGY", Vol. 185, <u>Expression of Vaccinia Recombinant HPV 16 L1 and L2 ORF Proteins in Epithelial Cells is Sufficient for Assembly of HPV Virion-like Particles</u> , pp. 251-257, (1991)
	A18	M.S. BARBOSA et al., "JOURNAL OF VIROLOGY", Vol. 65 No. 1, <u>In Vitro Biological Activities of the E6 and E7 Genes Vary among Human Papillomaviruses of Different Oncogenic Potential</u> , pp. 292-298, (01-1991)
	A19	J.M. ARBEIT et al., "JOURNAL OF VIROLOGY", Vol. 68, <u>Progressive Squamous Epithelial neoplasia in K14-Human Papillomavirus Type 16 Transgenic Mice</u> , pp. 4358-4368, (07-1994)
	A20	P. KAUR et al., "J. GEN. VIROLOGY", Vol. 70, <u>Immortalization of Primary Human Epithelial Cells by Cloned Cervical Carcinoma DNA Containing Human Papillomavirus Type 16 E6/E7 Open Reading Frames</u> , pp. 1261-1266, (1989)
SH	A21	L. GAO et al., "JOURNAL OF GENERAL VIROLOGY", Vol. 75, <u>Immune Response to Human Papillomavirus Type 16 E6 Gene in a Live Vaccinia Vector</u> , pp. 157-164, (1994)

EXAMINER <i>Sharon A. Felt</i>	DATE CONSIDERED 11/3/01
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							YES	NO
SAF	A22	390 252	03/15/90	EUROPE				
	A23	WO 93/00436	01/07/93	WIPO				
	A24	WO 96/19496	06/27/96	WIPO				
SAF	A25	WO 96/11274	04/18/96	WIPO				

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SAF	A26	TINDLE, et al., "VIROLOGY", Chimeric Hepatiti B Core Antigen Particles Containing B- and Th-Epitopes of Human Papillomavirus type 16 E7 Protein Induce Spec. Antibody and T-Helper... pp. 547-557 (1994).
	A27	KIRNBAUER et al., "PROC. NATL. ACAD. SCIENCE", Papillomavirus L1 major capsid protein self-assembles into virus-like particles that are highly immunogenic, VOL. 89, pp. 12180-12184 (1992).
	A28	CARTER et al., "VIROLOGY", Expression of Human Papillomavirus Proteins in Yeast <i>Saccharomyces Cerevisiae</i> , pp. 513-521 (1991).
	A29	STRIKE et al., Expression in <i>Escherichia coli</i> of Seven DNA Fragments Comprising the Complete L1 and L2 Open Reading Frames of Human Papillomavirus Type 6b and Localization of the 'Common Antigen' Region, VIROLOGY", pp. 543-555 (1989).
SAF	A30	SCHAFER et al., Immune Response to Human Papillomavirus 16 L1E7 Chimeric Virus-Like Particles: Induction of Cytotoxic T Cells and Specific Tumor Protection, "Int. J. Cancer" Vol. 81, pp. 881-888 (1999).

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